

Patent Abstracts of Japan

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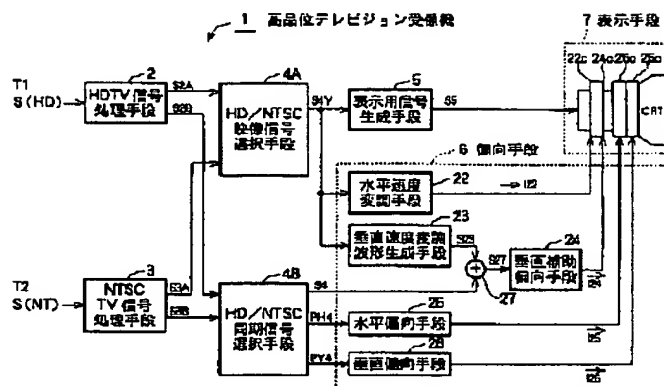
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TITLE : HIGH-DEFINITION TELEVISION
RECEIVER



ABSTRACT : PROBLEM TO BE SOLVED: To obtain a sharp reproduction image, well balanced in horizontal and vertical directions, at low cost by using a vertical auxiliary change coil, so as to conduct vertical contour correction by speed modulation in a vertical direction.

SOLUTION: At the reproduction of an NTSC signal, a vertical auxiliary deflection circuit 24 drives a vertical auxiliary deflection coil 24C, based on a vertical auxiliary deflection pulse signal S4 of an HD/NTSC-synchronizing signal selection means 4B to scan 2-lines of video signal of the same content of a luminance signal Y4 being an output video signal of an HD/NTSC video signal selection means Y4 overlappingly on one line. At the reproduction of a high-definition television signal and reproduction of an NTSC television signal, a vertical speed modulation waveform generating means 23 generates a vertical contour correction signal S23 and outputs it to the vertical auxiliary deflection circuit 24, in which an image vertical contour is corrected. Since the vertical contour correction is conducted without new provision of a vertical speed modulation coil, the cost is low and the device does not invite forming it to be large- scale.

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